Neuroprotective signaling mechanisms in the mammalian brain

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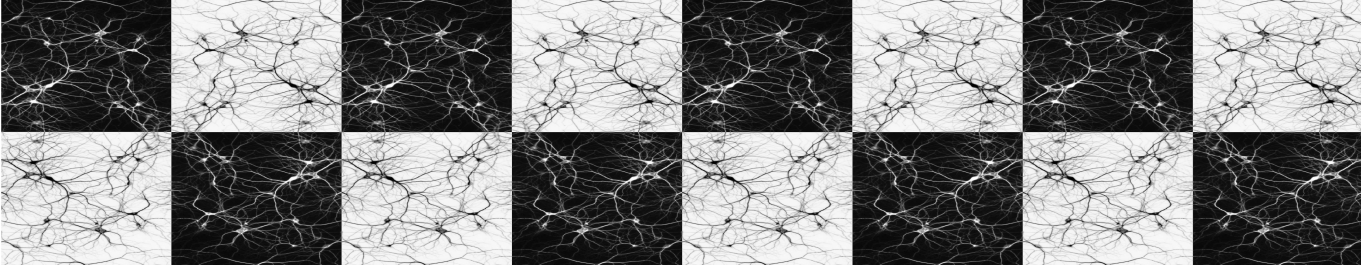

Curriculum vitae

Amalia M. Dolga was born on November 6, 1978 in Brad, Romania. She studied Biology and Chemistry at the West University of Timişoara, Romania. After graduation as valedictorian, she followed the courses of the master program "Chemistry of biological active compounds" at the Department of Chemistry, West University of Timişoara. As a part-time, she worked as a chemist for AstraZeneca R&D, at the Institute of Chemistry of the Romanian Academy, Timişoara. During her bachelor studies she discovered a very strong drive towards neurosciences. To follow this "calling" she continued the Master studies at the Department of Biochemistry and Molecular Biology, University of Bremen, Germany. There she learned several molecular biology techniques and she investigated sialic acid dependency of myelin-associated glycoproteins binding to unfixed neuronal cells. The Master thesis was completed under the supervision of Prof. Soerge Kelm.

To get closer to the core of neuroscience she applied for a PhD position in the group of Prof. Paul Luiten, at the Department of Molecular Neurobiology, University of Groningen, The Netherlands. That application constituted the starting point of a 4 year investigation of the neuroprotective signaling mechanisms mediated by tumor necrosis factor-alpha. The work described in this thesis was supervised by Dr. Ulrich Eisel, Dr. Ingrid Nijholt and Prof. Paul Luiten of the Department of Molecular Neurobiology, University of Groningen, The Netherlands.

Currently, Amalia is working as a post-doc fellow in the group of Prof. Carsten Culmsee, at the Department of Pharmacology and Toxicology, University of Marburg, Germany.